

WHAT IS CLAIMED IS:

1. A production information managing method, comprising the step of:
communicatably connecting an orderer of a product, a primary order-receiver producing
the product based on an order from the orderer, a secondary order-receiver producing a product
element constituting the product based on an order from the primary orderer, and a control center for
managing a production information of the product through a network,

wherein the control center sets a primary prediction information by obtaining a total
production amount information and a final delivery date information of the product to be produced
from the orderer, commands a preceding production of a predetermined component constituting the
product element to a predetermined secondary order-receiver based on the primary prediction
information, sets a final prediction information by obtaining from the orderer another total
production amount information and another final delivery date information with higher accuracy
than the primary prediction information and information on the primary order-receiver having
received the order of the product, and formally orders the product element through the primary
order-receiver or directly to the secondary order-receiver having conducted the preceding
production.

2. The production information managing method according to claim 1, wherein the control
center selects the predetermined secondary order-receiver with reference to pre-stored data of a
production capacity and a load condition of the secondary order-receiver, and commands the
preceding production and production of the product element to the secondary order-receiver so as
to be in time for the final delivery date of the product.

3. The production information managing method according to claim 1, wherein the control
center supports to set up a plan including action item to be taken by the primary order-receiver and
the secondary order-receiver and specific date thereof so as to be in time for the final delivery date
of the product, and manages a schedule necessary for the primary order-receiver and the secondary
order-receiver.

4. The production information managing method according to claim 3, wherein the control
center supplies information on the predetermined secondary order-receiver producing the product

element used for the product and information on production completion time of the product element and notifies a final order time of the product element capable of being in time for the final delivery date of the product.

5 5. The production information managing method according to claim 3, wherein the control center commands the primary order-receiver to order the product element to the secondary order-receiver having conducted the preceding production based on the final prediction information, and commands the secondary order-receiver to produce the product element from the precedingly produced components in order to deliver the product element in time for the time required for the primary order-receiver.

6. The production information managing method according to claim 1, wherein the secondary order-receiver is a component factory for producing the component and/or an assembly factory for assembling the product element from the component, and

10 15 wherein the control center commands preceding production of the predetermined component to the predetermined component factory and/or the assembly factory when the primary prediction information is set, commands assembly of the precedingly produced component into the product element to the component factory and/or the assembly factory when the final prediction information is set and transmits information on the product element and the predetermined component factory and/or the assembly factory to the primary order-receiver to command to place an order of the product element to the predetermined component factory and/or the assembly factory.

7. The production information managing method according to claim 1, wherein the secondary order-receiver is a component factory for producing the component and an assembly factory for assembling the product element from the component, and

25 30 wherein the control center commands preceding production of the predetermined component to the predetermined component factory when the primary prediction information is set, commands to the component factory to transport the precedingly produced component to the predetermined assembly factory and commands to the assembly factory to assemble the precedingly produced component into the product element when the final prediction information is set, and transmits information on the product element and the predetermined assembly factory to

the primary order-receiver to command to place an order of the product element to the predetermined assembly factory.

8. The production information managing method according to claim 7, wherein the control center selects the nearest assembly factory to the primary order-receiver as the predetermined assembly factory when information of higher accuracy on the total production amount, the final delivery date and the primary order-receiver to which the product element is shipped is obtained.

9. The production information managing method according to claim 1, wherein the control center displays the primary prediction information and the final prediction information on a web page in accordance with an access of the orderer, the primary order-receiver and the secondary order-receiver.

10. The production information managing method according to claim 9, wherein the control center stores and manages total information on the production of the product and identifies an accessed party in response to the access of the orderer, the primary order-receiver and the secondary order-receiver to display a production progress information within a predetermined range to the respective accessed party.

11. A production information managing method of apparel goods, bag and shoes, comprising the steps of:

communicatably connecting an apparel maker, a vendor, a component factory of accessory of the apparel goods, bag, and shoes, an assembly factory thereof and a control center for managing production information of the apparel goods, bag and shoes through a network;

the control center obtaining information on a total production amount and final delivery date of the apparel goods, bag and shoes to be produced by the apparel maker, displaying a primary prediction information including the information on the total production amount and the final delivery date, and commanding a preceding production of a component of the accessory used for the apparel goods, bag and shoes to a predetermined component factory;

when the control center obtains information on another information on a total production amount and final delivery date with higher accuracy and information on the vendor, the control center displaying final prediction information including the information on the total production

amount, the final delivery date and the vendor on the web page and designating at least one assembly factory near the vendor to command transport of the precedingly produced product and assembling the accessory to the component factory and the assembly factory while transmitting information on the accessory and the assembly factory to the vendor to urge order of the accessory to the assembly factory;

the assembly factory assembling and delivering the accessory to be in time for the vendor to require the accessory, the vendor incorporating the accessory into the apparel goods, bag and shoes to deliver to the apparel maker.

12. A control center being communicably connected to computers respectively installed to an orderer of a product, a primary order-receiver for producing the product based on an order from the orderer, and a secondary order-receiver for producing product element constituting the product based on an order from the primary order-receiver, the control center managing production information of the product, comprising:

an information input device for obtaining information on total production amount of the product to be produced, final delivery date and primary order-receiver to receive an order of the product;

a supply-and-demand managing database for storing a primary prediction information from the total production amount information and the final delivery date information at an early stage of production, and for setting a final prediction information by obtaining another total production information and another final delivery date information with higher accuracy and information on the primary order-receiver having received the order of the product; and

a supply-and-demand managing server for commanding preceding production of a predetermined component constituting the product element to a predetermined secondary order-receiver based on the primary prediction information and for formally placing an order of the product element directly or through the primary order-receiver to the secondary order-receiver having conducted the preceding production based on the final prediction information.

13. The control center according to claim 12, wherein the supply-and-demand managing database stores and manages total information on the production of the product.

14. The control center according to claim 12, wherein the supply-and-demand managing

server supports to set up a plan including an action item to be taken by the primary and the secondary order-receiver to be in time for the final delivery date of the product including date thereof and conducts schedule management necessary for the primary order-receiver and the secondary order-receiver.

15. The control center according to claim 14, wherein the supply-and-demand managing server supplies information on the assembly factory of the accessory used for the product and assembly completion time and notifies a final order time of the accessory in time for the final delivery date to the orderer at a necessary time.

16. The control center according to claim 12, further comprising a production capacity managing database for storing a production capacity and load condition of the secondary order-receiver and a production capacity managing server for managing the preceding production of the secondary order-receiver with reference to the production capacity managing database.

17. The control center according to claim 16, wherein the secondary order-receiver is a component factory for producing the component and/or an assembly factory for assembling the product element from the component, and

wherein the production capacity managing server selects an appropriate component factory and/or an assembly factory with reference to the primary prediction information and the final prediction information stored in the supply-and-demand managing database.

18. The control center according to claim 12, further comprising: a user-managing database for storing information on users including the orderer, the primary order-receiver and the secondary order-receiver; a user-managing server for conducting user certification with reference to the user-managing database when there is an access from any one of the users to output user-identifying information; and an information output device for outputting production progress information of the product or the product element from the supply-and-demand managing database within a range related to the accessed user.

19. A production information managing system of product having a control center according to any one of claims 12 to 18.

20. A production information managing system of apparel goods, bag and shoes, comprising:
 a computer installed in an apparel maker, a vendor, a component factory of accessory of
 the apparel goods, bag and shoes and an assembly factory thereof; and

a control center for managing production information of the apparel goods, bag and shoes,
 the control center including a web server for supplying information on the apparel goods, bag and
 shoes and a production control server for managing production information of the apparel goods,
 bag and shoes;

wherein the production control server obtains information on a total production amount
 and final delivery date of the apparel goods, bag and shoes to be produced and displays a primary
 prediction information including the information on the apparel goods, bag and shoes and the final
 delivery date on the web server, commands preceding production of the accessory used for the
 apparel goods, bag and shoes to a predetermined component factory, and, when the information on
 the total production amount, the final delivery date and the vendor with higher accuracy is obtained
 from the apparel maker, displays a final prediction information including the higher-accuracy
 information on the web server, designates at least one assembly factory near the vendor, commands
 transport of the precedingly produced component and assembly of the accessory to the component
 factory and the assembly factory, and transmits information on the accessory and the assembly
 factory to the vendor to urge order of the accessory to the assembly factory.